

MACIK, Ivo

A film made from synthetic materials in the treatment of skin lesions. Rozhl.chir. 39 no.6:369-373 Je '60.

1. Vyzkumný ustav traumatologicky v Brne, reditel dr. Sc.prof.
MUDr Vladimir Novak.

(PLASTICS ther)
(WOUND HEALING)
(SKIN wds & inj)

MACIK, Ivo; HAVLIK, Igor

Contribution to the clinical picture of traumatic asphyxia.
Rozhl.chir.39 no.7:501-503 J1'60.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr.
Vladimir Novak, doktor lek. ved.
(ASPHYXIA diag)
(EXTREMITIES pathol)

MACIK, Ivo; VOLEK, Milan

New plastic bandages with acrylate bases. Acta chir. orhop. traum.
cesch. 28 no. 5:397-398 O '61.

1. Vyzkumný ústav traumatologický v Brně, reditel prof. MUDr. Vladimír
Novák, doktor lek. ved Nar. podnik Dental, Praha-Stranice, reditel
inz. Pav.

(BANDAGES) (ACRYLIC RESINS)

MACIK, Ivo, KOCOUREK, Milan; FEIT, Josef

Concentric peribronchial hemorrhage in pulmonary contusions. Rozhl.
chir. 40 no.10:661-663 0 '61.

1. Vyzkumny ustav traumatologicky v Brne, reeditel prof. MUDr. Vladimir
Novak, Dr.Sc. Patologicko-anatomicky ustav lekarske fakulty University
J. Ev. Purkyne v Brne, prednosta prof. MUDr. J. Svejda.

(LUNGS wds & inj)

MACIK, I.; KOCOUREK, M.

Role of compound compression thoracic injuries in trauma mortality. Rozhl. chir. 43 no.11:782-784 N '64.

1. Vyzkumny ustav traumatologicky v Brne, (reditel prof. dr. V. Novak, DrSc.).

MAGICK, I.

Multiple injuries. Rozhl. chir. 44 no.4:224-231 Ap'65.

l. Vyzkumný ustav traumatologicky v Brně (reditel: prof. dr. V. Novák, DrSc.).

MACIK, J.

Surgery in the People's Republic in Germany. Rozh. chir. 42
no.12:903-904 D '63.

X

MACIK, J.; FEIT, J.; KUSAK, I.; KOCOUREK, M.

Prevention of intrapulmonary complication after compression thoracic injuries. Rozhl. chir. 43 no.7:465-468 J1 '64.

1. Vyzkumny ustav traumatologicky v Brne (reditel prof. dr. V. Novak, DrSc) a I patologickoanatomicky ustav lekarske fakulty University J.E. Purkyne v Brne (prednosta prof. dr. J. Svejda, DrSc.).

Z/031/61/009/003/001/003
A205/A126

AUTHORS: Bauer, J., and Macik, K., Engineers

TITLE: Experiences made with the introduction of group technology ✓

PERIODICAL: Strojirenská výroba, v. 9, no. 3, 1961, 115 - 119

TEXT: This article is based on dissertations of graduates of the Economics-Engineering Department of the ČVUT Institute of Technology in Prague, and intends to inform workers of the machine-building industry on some experiences gained at the introduction of group technology according to S. P. Mitrofanov. This group technology simplifies the machining of parts with similar dimensions and was introduced on lathes of the "ČZNM" National Enterprise in Prague (producer of small series of ultra-heavy diesel engines) and the "MEOPTA" National Enterprise in Prague (producer of small series of microscopic and geodetic instruments and balances). The "ČZNM" Enterprise uses the group technology for machining of a total of 101 types of parts, distinguished into 6 groups: (1) flanges - 28 types of individual parts; (2) bevel gears - 6 types of parts; (3) cams and hubs - 22 types of parts; (4) shafts - 16 types of parts; (5) ring flanges - 17 types of parts; and (6) adapters - 12 types of parts. The unnecessary variety of dimensions of

Card 1/3

Z/031/61/009/003/001/003

A205/A126

Experiences made with the introduction of...

parts could be standardized and complex parts were designed for which the group technology was established. Such a group machining program is a chart which contains all single parts of the group and all operations to be performed, but only those dimensions, to which a certain part should be machined, are plotted in pertinent columns, other columns are left blank. Parts selected at the "MEOPTA" Enterprise for group machining can be divided into 2 groups: (1) pinions - 10 types of individual parts; and (2) sleeves - 9 types of individual parts. The pinions (1st group) are made of "CSN 11 108" standard rods with diameters ranging from 5.5 - 9.0 mm, and are most economically machined on an "S 28" lathe with an "IKS 1" copying attachment. The copying is performed in three runs with a cutting speed of 23.5 m/min. The sleeves (2nd group) are standardized to 3 dimensions for internal and external recesses (0.5, 1.0 and 1.5 mm). Cutting tools were clamped either in the headstock and the copying support or in a special turret head, fastened in the tailstock. The economic evaluation showed, that the 2,395 working hours required by the conventional machining method could be reduced to 1,425 working hours, which means an overall saving of 40.5% and a 43.5% saving of original wages. The copying attachment paid for itself within 7 months. In the following, some experiences are listed, which were gathered during introduction of group machining on

Card 2/3

Experiences made with the introduction of...

Z/031/61/009/003/001/003
A205/A126 ✓

turret lathes of the 2 above-listed plants, the Blanické strojírny-závod Konstrukta (Machine-Building Plant) in Prague and the TOS (Machine Tool Plant) in Hostivář. The economical evaluation of the group technology, introduced on automatically controlled lathes, resulted in a work-productivity increase of 17%. The total savings, achieved in the production of cams (103 assorted parts) amounted to 60,420 Czech Crowns. [Abstracter's note: period in which savings were made is not stated]. In addition to these savings, the described group technology also increases the quality level of products. In conclusion, the authors state that these are only the very first experiences, gathered with the S. P. Mitrofanov group technology, but the method will be further expanded and developed for the benefit of Czechoslovak machine-building industry. There are 10 figures.

ASSOCIATION: České vysoké učení technické - fakulta strojního inženýrství (Czech Institute of Technology - Department of Mechanical Engineering)

Card 3/3

SCHMITZER, Gh.; MACIMILIAN, C.; POPOVICI IOANA

Some observations about the mandibular torus. Comunicarile
AR 12 no.11:1255-1260 N '62.

1. Comunicare prezentata la Sesiunea stiintifica de antropologie.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACIOL, Karol

BOMSKA, Halina; FIDELSKI, Ryszard; MACIOL, Karol; ZUBRZYCKI, Zdzislaw

Observations on blood components and on the course of certain biochemical processes during preservation of the blood. Polskie arch. med. wewnetrz. 23 no. 4.433-454 1953.

1. Ze stacji Krwiodawstwa w Poznaniu. Dyrektor: dr med.
R.Fidelski,

(BLOOD TRANSFUSION,
*preserved blood, biochem. aspects)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

FIDELSKI, R.; KOTELBA, A.; MACIOL, K.; MALECKI, J.

Thrombin preparation and its clinical applications. Polskie
arch. med. wewn. 26 no.12:1925-1928 1956.

l. Katowice, ul. Swierczewskiego 15.
(THROMBIN, ther. use
thrombin prep., indic. (Pol))

BAKOWA, Stanislawa; MACIOL, Karol

A factor obstructing bilirubin determination in the blood serum
of newborn infant by means of Jendrassik's method. Pediat.polska
'35 no.12:1407-1409 D '60.

1. Z I Kliniki Polozniczej i Chorob Kobiecych A.M. w Krakowie
Kierownik: prof. dr med. S.Schwarz.

(BILIRUBIN blood)
(INFANT NEWBORN blood)

POLAND

MACIOLEK, Henryk [Affiliation not given]

"Surgical Treatment of Overloaded Omasum in Cattle."

Warsaw-Lublin, Medyarna Weterynaryjna, Vol 19, No 5, May
63, pp 248-249.

Abstract: Author finds rumenotomy an advisable procedure both for diagnosis and for the treatment of cattle stomach ailments, which are the leading cause of cattle diseases in his district (Sulejow). This concerns, in particular, distinction between traumatic inflammation of the rumen and overloaded omasum. He describes the operational procedure he uses as well as the post-operative treatment and cites several case histories. There are no references.

1/1

POLAND

MACIOLEK, Henryk . Affiliation not given.

"Observation on the Use of Caesarian Sections of Cattle
in Field Practice."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 10, No 7, Jul 63,
pp 408-409

Abstract: Article advocates broader employment of Caesarian
section on cows in field practice. The author, who has
been performing them, describes his simple but success-
ful procedure requiring little help, and points out the
safety of the procedure in cases of difficult parturition,
the economy of time and effort for the veterinary surgeon,
and the economic advantages of saving usually both the
life of the cow and calf, which the procedure affords.
There are no references.

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Kowalewski, Henryk [Affiliation not given] (Sulejow)

"Enterotomy in Ileum Occlusion in a Horse."

Wroclaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 8, Aug 63,
p. 435-436

ABSTRACT: The author notes the high incidence of intestinal disorders among horses living and pasturing along the banks of the frequently flooding Pilica and Luciaz rivers, and describes a case of successful operation on a horse for ileum occlusion which he performed. There are four (4) references, of which three (3) are Polish and one (1) German.

1/1

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

red.; GUDELIS, V., glav. red.; LASINSKAS, M., red.;

LAZAUSKAS, J., red.; MACIONIS, A., dots., red.; STYRA, B.,
red.

[Principles of limnology] Ezerotyros pagrindai. Vilnius,
Lietuvos TSR Mokslu akademijos geologijos ir geografijos
institutas, 1961. 357 p. (MIRA 15:3)

1. Vil'nyusskiy gosudarstvennyy universitet im. Vintsasa Kapsukasa (for Chomskis).
2. Rukovoditel' sektora Instituta geologii i geografii Akademii nauk Litovskoy SSR (for Gudelis).
3. Rukovoditel' laboratorii Instituta energetiki e elektrotehniki Akademii nauk Litovskoy SSR (for Lasinskas).
(Limnology)

MACIOSZCZYK, Tadeusz; MALECKA, Danuta

Hydrogeological conditions of one particular region of Poland as the basis for the elaboration of methods of computing ground water resources.
Przegl geol 11 no.2:94-101 F '63.

1. Katedra Hydrogeologii, Uniwersytet, Warszawa.

MACISZEWSKA-SZOPLIK, M.; ORUCHOWSKA, L./ CHOMIUK, T.

Research on processing municipal refuse into fertilizer. p. 214

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inżynierow i Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland.
Vol. 33, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 1, no. 9, September 1959
Uncl.

MACISZEWSKI, Henryk

Electrification of freight on lines of difficult profile.
Przegl kolej mechan 14 no.5:137-138 My '62.

1. Zarząd Trakcji Dyrekcji Okręgowej Kolei Państwowych, Krakow.

MACIUCA, Constantin

For good preparation of spring work. Munca sindic 7 no.2:26-22
F '63.

1. Președinte al Consiliului local al Sindicatelor -Slobozia-,
regiunea Bucuresti.

P/05 62.000-004 002 005
I010/I210

AUTHORS: Riedel, Józef, Kaczorek, Marian, and Maciuk, Krystyna

TITLE: Preparing seals of mica to soft glass by means of glaze

PERIODICAL: Przegląd elektroniki, no. 4, 1962, 180-181

TEXT: Soft glaze consisting of PbO—75%, ZnO—10% and B₂O₃—15% was used for sealing mica windows to glass tubing in Geiger-MilWer counters. A detailed technological process for preparing the seals includin a schematic drawing is given. There is 1 figure.

ASSOCIATION: Zakład Jądrowej Elektroniki Przemysłowej IBJ (The IBJ Institute of Industrial Nuclear Electronics)

Card 1/1

MACJEJOWSKA, Helena; RACZEW, Zofia

Roentgenological evaluation of the results of root canal therapy on the basis of the material collected by the clinic of conservative stomatology of the Medical Academy in Warsaw. Czas. stomat. 18 no.4:345-349 Ap'65.

l. Z Kliniki Stomatologii Zachowawczej Akademii Medycznej w Warszawie (Kierownik: prof. dr. J. Krzywicki).

MACK, Z.

"A nomograph for the calculation of the power requirement of grids." p. 342

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 11, Nov., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclassified

MACK, Z.

MACK, Z. Nomogram for a multivibrator design. p. 95

Vol. 4, no. 3, Mar. 1956
SDELOVACI TECHNIKA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

MACK, Z.

MACK, Z. Nomograms for calculating low-frequency limits. p. 256-(3) of cover

Vol. 4, no. 8, Aug. 1956
SDELOVACI TECHNIKA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

Mack, Z.

Mack, Z. Nomogram for a wind-band amplifier. p. 352.
Measurements of electric circuits in a television receiver.
(Supplement) p. 1.

Vol. 4, no. 11, Nov. 1956
SDELOVACI TECHNIKA
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5,

MACK, Z.

MACK, Z. Nomogram for calculation of inductivity. p. 32

Vol. 4, no. 1, Jan. 1956
SDELOVACI TECHNIKA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

MACK, J.

A nomograph for high-frequency and intermediate-frequency amplifiers.

P. 255, (Sdelovaci Technika) Vol. 1, no. 7, Aut. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (MIA) Vol. 1, No. 11 November 15'

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACK, Z.

A nomogram for the design of phasing quadripoles. p.160.
(Sdelovaci Techinika, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Incl.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001031320001-0

MACK, Zd., inz.

A nomogram for phase angle calculation. Sdel tech 9 no.10:400
0 '61.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001031320001-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACK, Zd., inz.

A graph for computing the phase and group delay response, arc and cycle duration. Sdel tech 9 no.11:440 N '61.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

MACK, Zdenek, inz.

A nomograph for determining the modulation index and bandwidth in frequency and phase modulation. Sdel tech 10 no.8:320 Ag '62.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACK, Zdenek, inz.

The first radio-frequency stereo transmission in Czechoslovakia.
Sdel tech 10 no.9:330 S '62.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACK, Zdenek, inz.

A nomogram for determining the geometric mean values. Sdel tech
10 no.9:360 S '62.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

MACK, Zdenek, inz.

A nomogram for the calculation of the mean and effective values of
the pulse train. Sdel tech 10 no.10:400 0 '62.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

KNOURKOVÁ, Šva; MACK, Zdenek, inz.

Laboratory sectional assembly jig. Sdel tech 11 no. 7:265-266
J1 '63.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACK, Zdenek, inz.

Cross modulator and its possibilities. Sdel tech 11 no.9:322-323
S '63.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACK, Zenek, inz.

Nomogram for the design of the Gouriet-Clapp oscillator.
Sdel tech 12 no. 3:120 Mr '64.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

1 21585-66
ACC NR: AP6010953

SOURCE CODE: CZ/0014/65/000/004/0132/0133

14
B

AUTHOR: Mack, Zdenek (Engineer)

ORG: none

TITLE: Preparations for stereophonic broadcasting in Czechoslovakia

SOURCE: Sdelovaci technika, no. 4, 1965, 132-133

TOPIC TAGS: radio broadcasting, broadcasting operation

ABSTRACT: The article discusses problems encountered in preparing for stereophonic broadcasting in Czechoslovakia, which is expected to begin in the near future. Orig. art. has: 7 figures. [JPRS]

SUB CODE: 17 / SUBM DATE: none / ORIG REF: 005

Card 1/1 ULR

MACK-FIRA, Valeria

Some data on the postembryonary development of Blepharoceridae (Diptera)
of the Rumanian Carpathians. Studii cerc biol anim 13 no.4:505-515 '61.

1. Comunicare prezentata de M. A. Ionescu, membru corespondent al
Academiei R.P.R.

MACK-FIRA, Valeria

Contributions to the study of Collembola (Insecta-Apterygota)
in Rumania. Comunicarile AR 13 no.8:717-723 Ag'63

1. Comunicare prezentata de M.A. Ionescu, membru corespondent
al Academiei R.P.R.

MACKA, M.

Demek, J.; Macka, M. Preserved patterns of the earlier erosion cycle in the Moravian-Silesian Beskids. p. 237. GEOGRAFICKY CASOPIS. Bratislava. Vol. 6, no. 3/4, 1954.

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

MACKA, M.

Problems concerning the origin of dales in the Riesengebirge Mountains.
p. 35. Ceskodlovenska spolecnost aemepisani. SORORNÍK. Paha. Vol. 61,
no. 1, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, 1956 August.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Prague, Seornik Ceskoslovenske Spolecnosti Ekspagine, Vol 56, No 4, 81,
pp 367-369.

Data: "Commuting Problems in East Germany."

GPO 981643

S/081/62/000/016/043/043
B171/B186

AUTHORS: Brodský, Jan, Macka, Miroslav

TITLE: Method of determining monomers in latex

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 16, 1962, 563, abstract
16P390 (Czechosl. patent 98830, March 15, 1961)

TEXT: The quantitative analysis of monomers (M) in latexes (L) is carried out by gas chromatography. 30 - 50 mg of L are fed through a proportioner into an evaporator fitted with a temperature control device (60 - 150°C). The vapors pass through a layer of $Mg(ClO_4)_2$ for dehydration and are injected into a column containing silica gel with 20% of liquid phase (LP). For determination of styrene (I) and of chloroprene (II), the column is 40 cm long and has a diameter of 0.5 cm. It is maintained at the temperature of 85°C. H_2 , used as carrier gas, flows through the column at the rate of 60 ml/min. A thermal conductivity cell is used for detection. The analysis requires only few minutes and the precision is $\pm 2 - 3\%$ for a content of 0.05 - 1% of M in L . Triethanolamine is used as liquid phase

Card 1/2

S/081/62/000/016/043/043
B171/B186

Method of determining monomers in latex

for butadiene, I, isoprene, pyridine, acrylonitrile and isobutylene,
whereas dimethylglycol phthalate is employed for II, vinyl chloride, vinyl
acetate, acrylic and methacrylic acids. [Abstracter's note: Complete
translation.]

Card 2/2

Microcrystallographic detection of ferrous ion with 2-nitro-1,3-indandione. M. Mackanovs, V. Oska, and G. Vanags (Riga Med. Inst., Latvian PSR Zinātūn Akad. Viert 1954, No. 5 (Whole No. 82), 113-14 (in Russian).—2-Nitro-1,3-indandione (I) in dry form or in satd. nq. soln. (0.5%) slowly formed characteristic dark-violet hexagonal platelets by reaction with Fe^{++} . The limit of detection was 1.5 μ per drop in diln. of 1:6000. Ag, Pb, Hg, and Cu ions slowly formed yellow ppts; Co^{++} formed orange ppts. Other cations either did not form ppts. or only at high cation concns.

Andrew Dravnieks

(2)

MACKANOVA, M.

Z

Color reactions of 2-nitro-1-indandiones. G. Vrana and M. Mackanova, *Lietuvos PSR Zinatų Akad. Veiklė* 1957, Nr. 17 (Vol. No. 87), 183-9 (in Russian).—2-Nitro-1,3-indandiones (I) in H₂O, EtOH, or AcOH solns. gave, at slight heating, orange color with resorcinol (III) at concn. of I down to 1:83,000. 1-Methyl-3,5-dihydroxybenzene gave color only in H₂O and AcOH, but not in EtOH solns. PhOH, cresols, xylenols, pyrocatechol, and hydroquinone gave no color. Phloroglucinol, pyrogallol, and hydroxyhydroquinone gave a red color. The color passed into Et₂O, but not into CHCl₃, C₆H₆, and C₆H₅Me layers. The color is probably caused by formation of nol. compds. Orange, CHCl₃-sol., Et₂O-insol. color was obtained upon warming I with codeine, diouin, paracetamol, papaverine, strychnine, brucine, and yohimbine, but not with morphine, scopolamine, atropine, homatropine, caffeine, theobromine, saloline, valsolidine, and platifilline. Red colors were obtained with pyrroles at following dilns. at room temp. and upon heating, resp.: pyrrole, 5×10^{-4} , 3×10^{-3} ; 1-methylpyrrole, 1-ethylpyrrole, 3×10^{-4} , 1×10^{-3} ; 2,4-dimethyl-3-acetylpyrrole, 1.2×10^{-4} , 1×10^{-3} . Reaction with 2-methylpyrrole was not sensitive. Triphenyl-2-pyrrolylmethane in EtOH soln. gave a red color with I. 2,4-Dimethyl-3-acetylpyrrole in H₂O, BtOH, and glacial AcOH gave orange color at room temp., and red upon heating. Esters of dimethylpyrrolecarboxylic acids gave colors with I only after long heating, because of decompn. to pyrroles. No colors were obtained with tetralodopigrole and with hydrogenated pyrroles such as pyrrolidine, proline, hydroxyproline, and norinine. K₂O-sol. chlorophyll gave orange color by reaction of its decompn. products with I.

Andrew Dravnieks

MACKANOVA, M.

4E3d-1

✓ Color reaction for hydrazine. G. Vaneck and M. Mackanova (Latvian State Univ., Riga, Latvia). *Zhur. Anal. Khim.*, 12, 149-50 (1957).—Boiling an aq. acidified soln. of hydrazine with 2-nitro-1,3-indandione produces an aziaie of the latter which colors the soln. orange. Hydrazylamine produces a yellow fusel, oxime which does not interfere with detn. of hydrazine. M. Hough

4E4f-1

NAUMAN, Janusz; MACKE, Alicja

TSH test and a possibility of its performance based upon the level of iodine bound with proteins in the blood. Polskie arch. med. wewn. 31 no. 3:365-374 '61.

l. Z II Kliniki Chorob Wewnetrznych Studium Doskonalenia Lekarzy A.M. w Warszawie Kierownik: doc. dr med. E. Ruzyllo i z Wojewodzkiej Poradni Endokrynologicznej w Warszawie Kierownik dzialu internistycznego: lek. med. H. Lamers.

(THYROTROPIN) (IODINE blood) (BLOOD PROTEINS chem)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

MACKOVA, E.

KUCERA, N.; MACKOVA, E.

Comparison of properties of domestic glues, with a view of using
them as substitute of gummi arabicum. Cesk. farm. 4 no.2:75-78
Mar 55.

L. Z výskumného ústavu lečivých rostlin v Praze.

(VEHICLES

glues, domestic as compared with gum Arabic)

MACKEOVÁ, E.

KUCERA, M.; MACKEOVA, E.

Contribution to the presence and amount of chamazulene in solitary growing plants of the species Achillea millefolium L. Cesk. farm.
4 no.2:78-80 Mar 55.

1. Z výskumného ústavu léčivých rostlin v Praze.

(PLANTS

Achillea millefolium L., presence & amount of chemazulene
in solitary growing)

MACKERLE, JULIUS

Automobily a letadla; rozvod motoru. [2. pozmenene vyd.] Praha, Statni nakl. ucebnic, 1951. 218 p. [Automobiles and airplanes; engine design. Illus., diagrs. (in pocket), subject index]

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, LC., VOL. 3, NO. 1, Jan. 1954, Uncl.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

SECRET

Activity Report - 1971
Soviet Union

SECRET: Noddy List of last names, names, & titles, etc.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

MACKERLE, J.

Air cooling of automobile motors.

p. 5 (Automobil) Vol. 1, No. 1, Jan. 1957 Praha, Czechoslovakia

SC: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, Jan. 1959

MACKERLE, J.

The Tatra 603 automobile.

p. 114 (Automobil) Vol. 1, no. 4, Apr. 1952 Praha, Czechoslovakia

SC: MONTHLY INDEX OF EAST EUROPEAN ACHIEVEMENTS (SEAI) LC, VOL. 7, NO. 1, Jan. 1955

MACKERLE, J.

Racing engines.

F. 200 (Motoristicka Soucasnost) Vol. 3, No. 2, May 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL 7, NO. 1, JAN. 1958

MACKERLE, J.

"Ejector cooling of the Tatra racing car." p. 529.

SVET MOTORU. (SVAZ PRO SPOLUPRACI S ARMADOU). Praha, Czechoslovakia, Vol. 9,
no. 17, Aug. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

Mackerie, J.

"The TATRA 605 racing car.

p. 15 (Automobil, Vol. 2, no. 1, Jan. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

ucts and Technology. Chemical Prod- H-23
fuel processing of natural gas and
petroleum. Motor and Rocket Fuel Lub-
ricants.

Abs Jour: Ref Zahr-Kemijsk, No 3, 1954, p 750.

Author : Mackerle, J.

Int: Not given.

Title : "Chemical" Aspects Cetane Number.

Perig Pub: Automobil (Czech), 1954, 2, No 7, 20-23.

Abstract: Existing methods are reviewed for evaluating the
knock resistance of motor fuels, the properties
of anti-knock additives and components, their
effect on fuel behavior during use, based on
the cetane number, and the optimum characteris-
tics of the engine related to a given fuel type.

Card 1/1

172

MACKERLE, J.

Two-stroke diesel engines. (To be contd.) p. 187.

Precision casting of gearwheels into shell molds. p. 193.

Welding aluminum radiators. p. 194.

New system of gasoline injecting. p. 195.

AUTOMOBIL. (Ministerstvo automobiloveho prumyslu a zemedelskych stroju)
Praha, Czechoslovakia. Vol. 3, no. 6, July 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10, Oct. 1959
Uncl.

MACKERLE, J.

Two-stroke diesel engines. (To be contd.) p. 224.

AUTOMORIL. (Ministerstvo automobiloveho prumyslu a zemedelskych stroju)
Praha, Czechoslovakia. Vol. 3, No. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10, Oct. 1959
Uncl.

MACKERIE, J.

"Cooling of motors by air. (To be contd.) p. 248."

SVET MOTORU. Praha, Czechoslovakia, Vol. 13, No. 8, April 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, June 1959
Unclassified

MACKERIE, J.

"Cooling engines by air. (To be contd.) p. 275."

SVET MOTORU. Praha, Czechoslovakia, Vol. 13, No. 9, April 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, June 1959
Unclassified

MACKERLE, J.

"Air cooling of motors." p. 306.

SVET MOTORU. (Svaz pro spolupraci s armadou). Praha, Czechoslovakia,
Vol. 13, No. 10, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 6, No. 6,
August 1959.
Uncla.

PHASE I BOOK EXPLOITATION CZECH/4856

Mackerle, Julius, Engineer

Vzduchem chlazené vozidlové motory (Air-cooled vehicle engines) 2d rev. ed.,
Prague, SNTL, 1960. 509 p. 2,700 copies printed.

Chief Ed.: Ota Kraus; Resp. Eds.: O. Speváček, Engineer, and Z. Mayer, Engineer;
Tech. Ed.: Ludvík Charvát.

PURPOSE: This book is intended for designers, engineers in engineering departments and shops, and for students at technical schools.

COVERAGE: The author discusses in detail the requirements for constructing air-cooled vehicle engines. Included are suggestions regarding the design of these engines. The theory of heat conduction and convection from pistons, cylinders, heads, and valves to air is examined. The calculation of the amount of cooling air is analyzed and methods of regulating the air cooling are described. The final chapter contains pictures and descriptions of successful present-day air-cooled engines. No personalities are mentioned. There are 70 references:
39 English, 16 German, 11 Soviet, 3 Czech, and 1 Italian.

Card 1/2

MACKERLE, Julius, inz.

Contribution to the solution of the rotary-piston engine distributor. Automobil Ča 6 no. 6:171-174 Je '62.

1. Ustav pro vyzkum motorovych vozidel.

9/273/63/000/001/012/013
A052/A126

AUTHOR: Mackerle, Julius

TITLE: Gas distributing mechanism of Wankel's rotary engine

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 39. Dvigateli vnutrennego sgoraniya, no. 1, 1963, 44 - 45, abstract 1.39.274 (Automobil (CSSR), v. 6, no. 6, 1962, 171 - 174; Czech.; summaries in Russian, German, English)

TEXT: Fundamental differences between gas distributing systems of the conventional piston engine and Wankel's rotary engine are explained. For the latter engine the method of calculating admission sections and selecting gas-distribution phases is given. It is pointed to the inaccuracy in comparing distribution systems of both engines by mean gas velocities in inlet channels, and the possibility is shown to achieve a high admission coefficient of a rotary engine by proper coordination between distribution phases and the length of inlet channels.

[Abstracter's note: Complete translation]

Card 1/1

MACKERLE, Julius, inz.

Typification of Diesel engines for commercial vehicles. Doprava
no. 3:200-202 '63.

MACKERLE, Julius, inz.

Suitability of combustion motors for municipal transportation.
Doprava no. 58372-376 '63.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACKERLE, J., inz.

How to make better use of the heat of combustion engines. Tech
praca 17 no.3:230-231 Mr '65.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0"

ACC NR: AP6035302 (A) SOURCE CODE: CZ/0078/66/000/009/0022/0022

AUTHOR: Mackerle, Julius (Engineer; Prague)

ORG: none

TITLE: Motor vehicle for uneven terrain. CZ Pat No. PV 4400-65

SOURCE: Vynalezy, no. 9, 1966, 22

TOPIC TAGS: motor vehicle, vehicle component

ABSTRACT: A motor vehicle for use on uneven terrain, composed of several elements is introduced. The individual tube-shaped elements are connected by airtight joints, flexible in all directions, whether at rest or in motion. Every joint is provided with a passage from one element of the vehicle to another. Every element has at least one driving axle which can swing freely or by force in relation to the longitudinal axis of the element, and which can be locked; in this case, the driving wheels of the first axle are driven by conventional methods for highway motor-vehicles, while the driving wheels of the following axles are steered according to the tilt of the preceding element. [KS]

SUB CODE: 13 / SUBM DATE: 09Jul65 /

Card 1/1

MACKENZIE, Julius, Inc.

Prospects in the development of engines for vehicles. Sopra
n.s. 5-341-353 '64.

PACKERLE, V.; TERARIK, I.; PACKL, S.

Use of models in research work on sedimentation. . . .

Vol. 4, no. 2, Feb. 1954.

AKADEMIČKÉ SPOLUJISTVÍ

Praha, Czechoslovakia

Source: Last European Accession List. Library of Congress

Vol. 5, No. 2, August 1956

VACHEVICH, V.

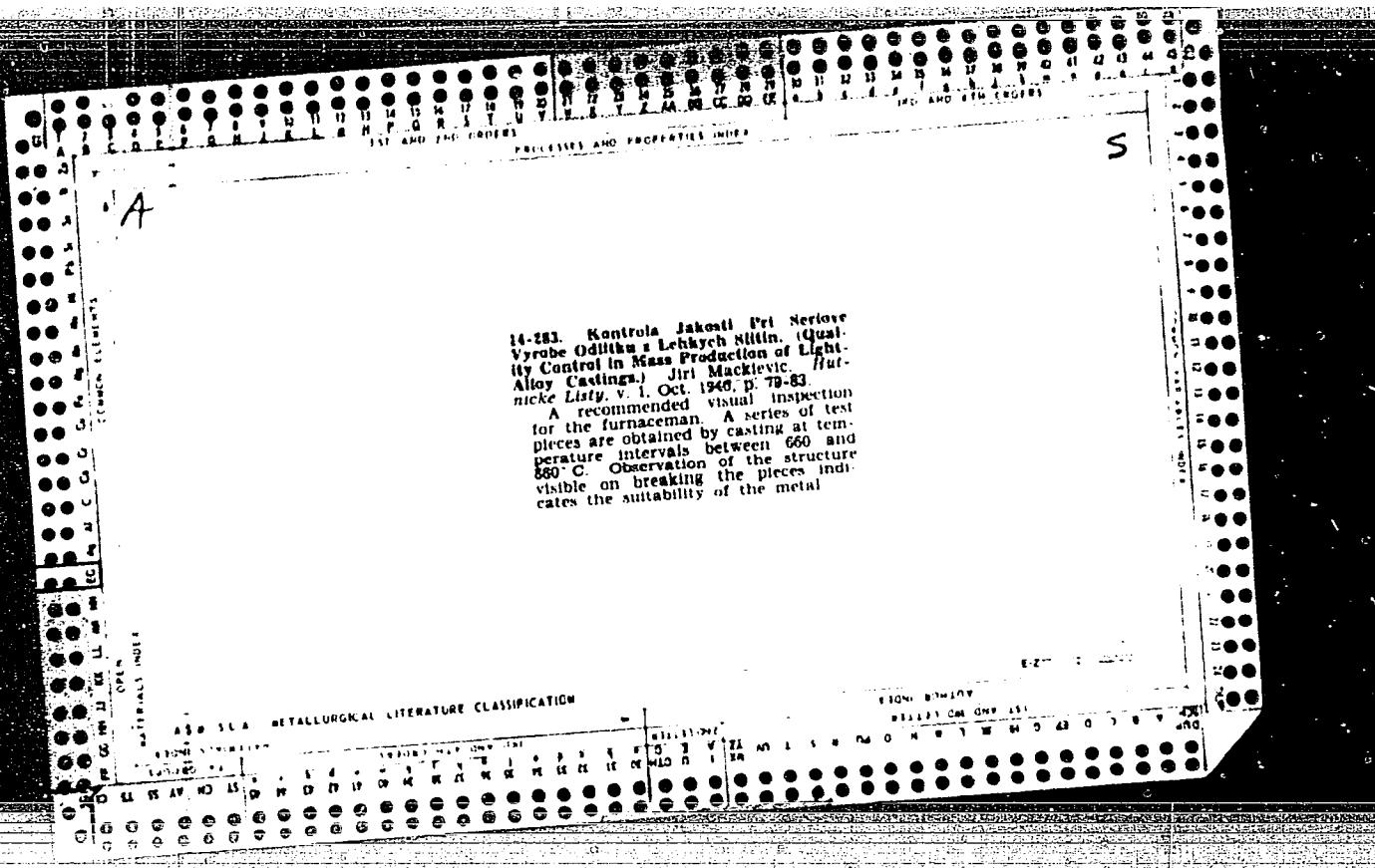
VACHEVICH, V. Sixty days in the United States and Canada. Tr. from the Russian. p. 185.

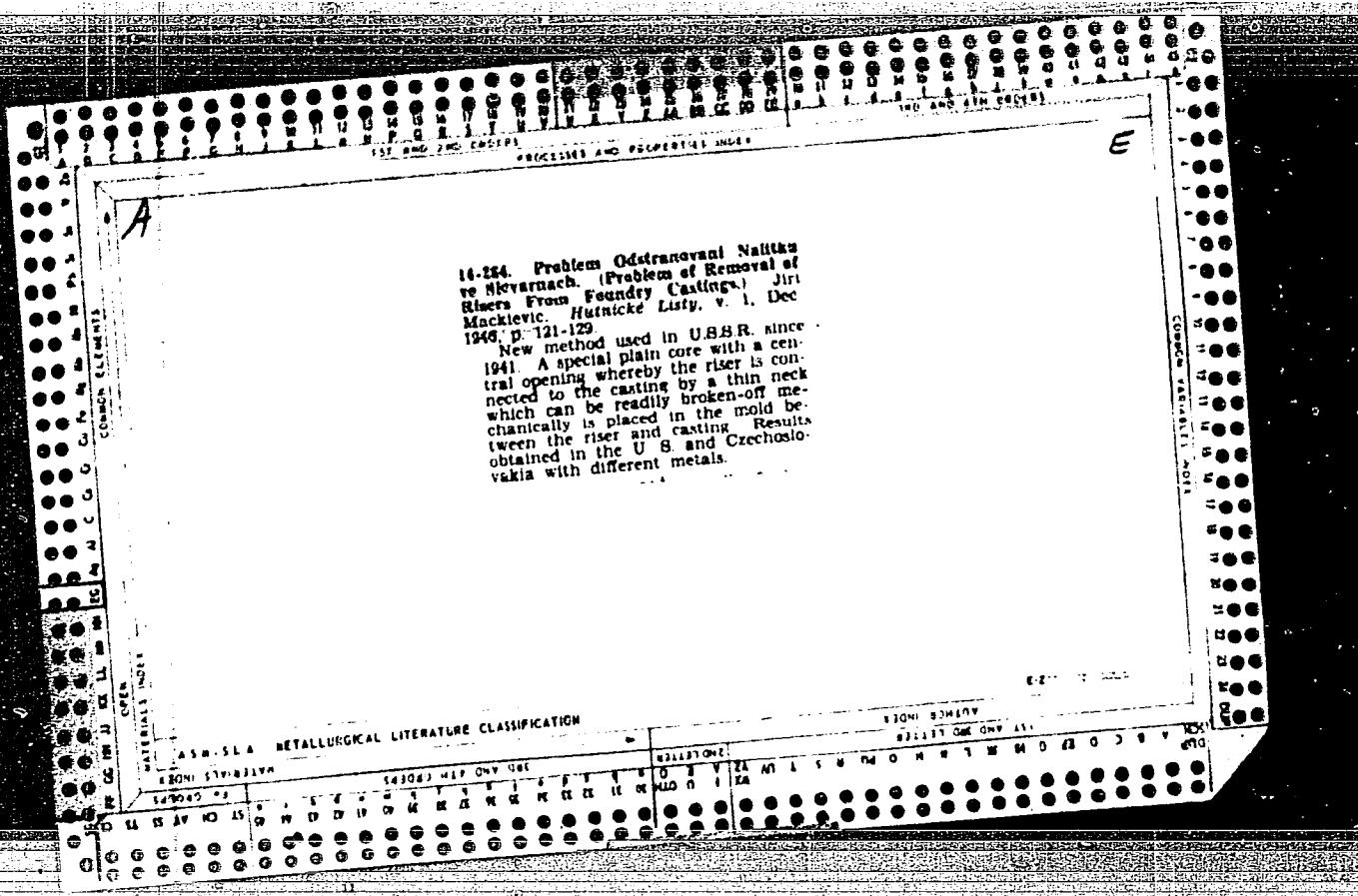
Vol. 8, no. 4, Apr. 1956

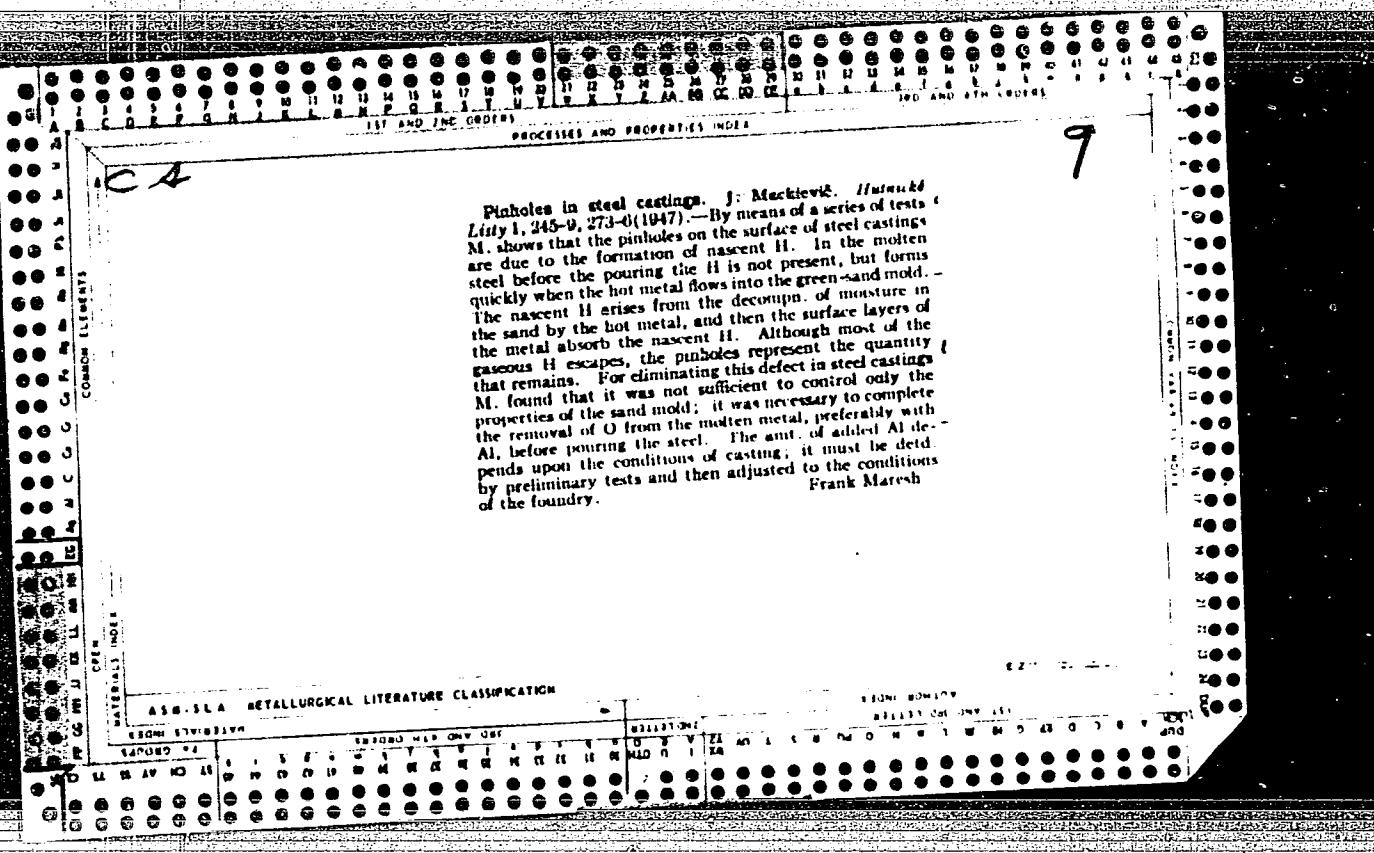
AGRICULTURE

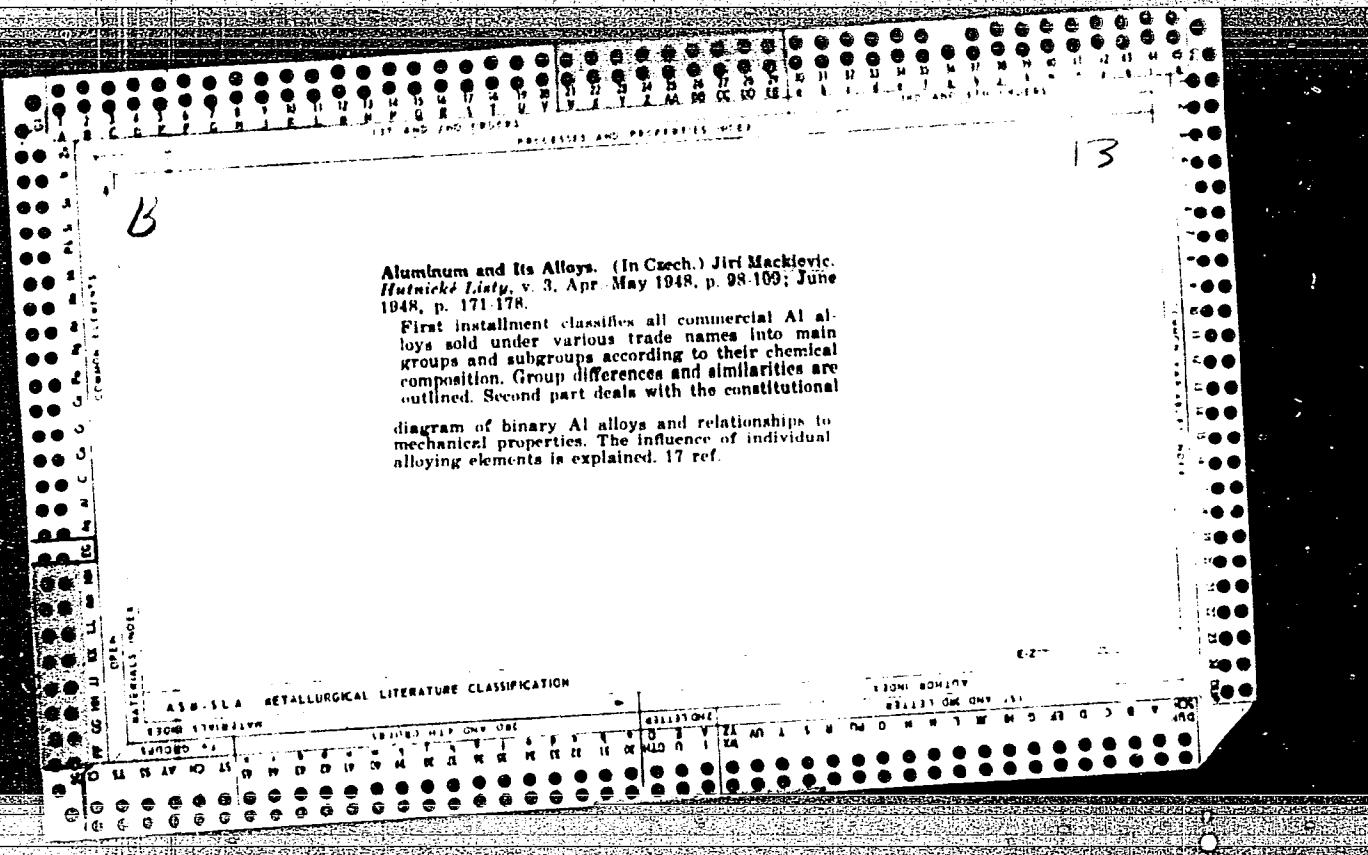
AGRICULTURE
Budapest, Hungary

See: East European Accession, Vol. 6, No. 5, May 1957









The Production of Cast Iron with a Modified Graphite Structure. J. Mackevic. (Hutnické Listy, 1949, vol. 4, July, pp. 210-217). [In Czech]. The views of research workers on the effects of the inoculation differ greatly. Most authors believe that the additions to the molten metal act as desulfurizing and degassing agents and finely distributed non-metallic inclusions are formed which act as nuclei for crystallization and prevent formation of undercooled graphite. Valenta, Chvorinov, and Flinn and Bewe think that local and transitory increased concentration of carbon occurs during the dissolution of the added inoculants, and the eutectic point of the alloy is shifted suddenly to the left. The alloy becomes a hypereutectoid in these areas resulting in the rejection of small particles of free carbon which act as nuclei for further graphitization. Milman believes that the exothermic nature of the deoxidation processes causes local overheating of the molten metal where the inoculants react with the oxygen; the temperature at these areas may exceed a maximum above which the stability of the cementite decreases, and the graphite nuclei thus formed remain when the temperature drops to the usual graphitization point, provided that the cooling rate is fast enough. In some Czech foundries 75% ferrosilicon is used for inoculating grey iron for castings with wall thicknesses of 7-12 mm. and greater. The silicon added is about 0.05-0.1% of the total weight of the molten metal. V. O.

M - 1

Analyst P. D. M. *Int. 3*

The High-Frequency Furnace in the Foundry. J. Mackovíč and J. Zampach. (Slevárenství, 1953, 1, (1-2), 9-18). [In Czech]. The advantages of high-frequency furnaces in foundry practice, the construction and principles underlying their operation, the choice of crucible material, and the manufacture of crucibles for melting steel for castings are discussed, and experience acquired in the making of permanent magnet steels, alloy steels, and non-ferrous metals are considered.

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3

Steelmaking in the High-Frequency Furnace. J. Mackiewic
and J. Zambrowski. (Stierenculus, 1953, 1, (4), 80-85). [In Czech].
An account is given of the author's experiences in the use of
the high-frequency furnace in the manufacture of cast iron,
manganese steel, and other high and low alloy steels and non-
ferrous alloys, supplemented by a critical survey of the litera-
ture. The direction of further developments in the design and
use of these furnaces, and the improvement of the refractory
linings are considered.—P. V.

MACKIEVIC, L.

Journal of Applied Chemistry
April 1954
Industrial Inorganic Chemistry

Steelmaking in the high-frequency furnace. L. Mackievic and
J. Zampach (Siedlenskol, 1953, I, No. 4, 90-95; J. Iron Steel
Inst., 1954, 176, 107).—An account is given of the author's experi-
ences in the use of high-frequency furnaces in the manufacture
of cast iron, manganese steel, and other high and low alloy steels
and non-ferrous alloys, supplemented by a critical survey of the
literature. Probable developments in the design and use of the
furnaces, and in the improvement of refractory linings are
considered.

R. B. CLARK

MACKIEWICZ, Andrzej, mgr inz. (Warszawa)

Problems of industrialized apartment building; report from the Seminar of the Institute of Building Techniques on Industrialized Apartment Building, Warsaw, April 5-6, 1962. Inz i bud 19 no. 6:239-240 Je '62.

MACKIEWICZ, Andrzej, mgr inz. (Warszawa)

Unification of details, parts, and buildings for the Warsaw
apartment building industry. Przegl budowl i bud mieszk 35
no.1:61 Ja '63.

MACKIEWICZ, Andrzej, mgr inz.

Application of splices as a type of reinforcement for pretensioned prestressed concrete. Przegl techn 84 no.15:3 14 Ap '63.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031320001-0

MACKIEWICZ, Andrzej, mgr inż. (Warszawa)

Construction of a dwelling project in Meaux (France) of prefabricated
large-dimensional parts. Inz į bud 20 no.4:138-143 Ap '63.

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MACKIEWICZ, Stefan; FENRYCH, Wladyslaw; JAZIENICKI, Boguslaw; MACKIEWICZ, Aniela

Immuno-electrophoretic studies on proteins in the blood serum and exudates in patients with rheumatism. Reumatologia Polska no.3:
129-136 '60.

1. Z III Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik: prof.
dr F. Labendzinski Z Pracowni Farmakodynamiki AN w Poznaniu Kierow-
nik: prof. dr J. Dadlez
(RHEUMATISM metabolism)
(BLOOD PROTEINS)
(EXUDATES AND TRANSUDATES metab)
(PROTEINS metab)

MACKIEWICZ, Damian, mgr inz.; KROWICKI, Andrzej, mgr inz.

Determination of the conditions necessary for the reduction of the
assymetry of double asymmetric loop windings. Przegl elektrotechn
39 no.11:435-436 N '63.

GWIAZDOWSKI, Bohdan; MAJENKA, Irena, DWORAKOWSKI, Marian; MACKIEWICZ,
Henryk.

Physical aspects of cuneiform filters for the cobalt-60 tele-
therapy apparatus. Nowotwory 13 no.4:359-365 0-D'63.

1. Z Zakladu Fizyki Instytutu Onkologii im. Marii Skłodowskiej-
Curie w Warszawie. Kierownik: mgr. inż. J. Malesa; dyrektor:
prof. dr. med. W. Jasinski.

*

POLAND / Microbiology. Microbes Pathogenic for Man F-4
and Animals. Pathogenic Fungi and Actinomyces.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76854.

Author : Rzucidlo, Ludwik; Stachow, Aleksandra; Nowakowska,
Alicja; Mackiewicz, Irena; Rudzki, Edward.

Inst : Not given.

Title : Chemical and Biological Properties of Cellular
Membranes of the Yeast-Like Fungi *Candida albicans*,
Monilia and *Geotrichum*.

Orig Pub: Med. doswiad. i mikrobiol., 1957, 9, No 2, 113-124.

Abstract: Dead cells of yeast-like fungi - pathogenic (*C. albicans*) and saprophytes (*Candida*, *G. pulmonare*, *M. mortifera* and *Cryptococcus pulcherrimus*) - inactivate a complement of the guinea pig in vitro at 37°. The degree of inactivation is not the same with different species and does not depend on their

Card 1/2

58

AN/HC/1.6.1.7.2.

RZUCIDŁO, L.; RUDZKI, E.; STACHOW, A.; MACKIEWICZ, I.; SOBOLEWSKA, S.

Research on the increase in pathogenicity for mice of *Salmonella typhi* and *Staphylococcus aureus* under the influence of yeastlike fungi or yeast zymosan. Med. dosw. mikrob. 9 no.2:125-130 1957.

1. Z Instytutu Dermatologii i Wenerologii w Warszawie i Warszawskiej Wytworni Surowic i Szczepionek.

(SALMONELLA INFECTIONS, exper.

eff. of yeastlike fungi & zymosan on pathogenicity of *S. typhi* in mice (Pol))

(MICROCOCCAL INFECTIONS, exper.

eff. of yeastlike fungi & zymosan on pathogenicity of *M. pyogenes aureus* in mice (Pol))

(YEASTS

zymosan, eff. on pathogenicity of *Micrococcus pyogenes aureus* & *Salmonella typhi* in mice (Pol))

(POLYSACCHARIDES, eff.

zymosan on pathogenicity of *Micrococcus pyogenes aureus* & *Salmonella typhi* in mice (Pol))

(FUNGUS DISEASES, exper.

eff. on pathogenicity of *Micrococcus pyogenes aureus* & *Salmonella typhi* in mice (Pol))

RZUCIDŁO, L.; MACKIEWICZ, I.; SOBOLEWSKA, S.; MANKOWSKA, H.; STACHOW, A.

Quantitative determination of mouse pathogenicity of *Salmonella*
using zymosan as an immunity-decreasing factor. Med. dosw. mikrob.
9 no.2:131-139 1957.

1. Z Warszawskiej Wytworni Surewic i Szczepionek i Instytutu
Dermatologii i Venereologii w Warszawie.

(*SALMONELLA* INFECTIONS, immunol.

quantitative determ. of mouse pathogenicity of *Sal.*

typhi using zymosan as immunity-decreasing factor (Pol))

(YEASTS

zymosan, use as immunity-decreasing factor in quantitative

determ. of pathogenicity of *Salmonella typhi* in mice (Pol))

(POLYSACCHARIDES

same)

BATORSKA, Janina; KOTWICA, Stanislaw; MACKIEWICZ, Jacek

Manifestations in the spinal cord in spondylosis. Polski tygod.
lek. 16 no.17:643-646 24 Ap '61.

1. Z Kliniki Chorob Nerwowych A.M. w Lodzi; kierownik: prof. dr
nauk med. E. Herman.

(SPONDYLITIS compl) (SPINAL CORD dis)

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KROLIKOWSKA, Wieslawa; SZAPIRO, Marek; MACKIEWICZ, Jacek

Electromyographic analysis of the Charcot-Marie-Tooth disease,
in the light of the writers' own studies. Neurol neurochir psych
12 no.5:675-683 S-0 '62.

1. Klinika Chorob Nerwowych, Akademia Medyczna, Lodz. Kierownik:
prof. dr nauk med. E. Herman.

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POLAND

MACKIEWICZ, Jacek, Clinic of Nervous Diseases (Klinika Chorob Nervowych), AM [Akademia Medyczna, Medical Academy] in Lodz (Director: Prof. Dr. med. sci. E. HERMAN)

"Vertigo Epidemica. Report of 10 Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 13, No 2, 7 Jan 63,
pp 48-50.

Abstract: [Author's English summary] Ten cases of vertigo epidemica treated in the Clinic of Neurologic Diseases in Lodz are reported. Infectious, probably viral, etiology of this disease is suggested. Attention is drawn to insufficient knowledge about this morbid entity and its rare proper diagnosis. Of the 20 references, 2 are Polish, one Hungarian, One French, and 16 are English.

1/1

JUS, Andrzej, prof. dr.; PIOTROWSKI, Andrzej; JUS, Karolina; EKIERT,
Halina; MACKIEWICZ, Jadwiga; GOGOL, Zofia

Psychoses with schizophrenic symptomatology in epilepsy. Neurol.,
neurochir. Psychiat. Pol. 14 no.6:873-878 N-D '64

1. z Kliniki Psychiatrycznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. A. Jus) i z Instytutu Psychoneurologicznego
w Pruszkowie (Kierownik: prof. dr. Z. Kuligowski).

MACKIEWICZ, Jozsef, mgr inz.

Influence of cyclic thermal loads on the mechanical properties of boiler steel. Hutnik P 30 no.1:16-18 Ja '63.

1. Katedra elementow maszyn, Politechnika, Wroclaw.